L	Hits	Search Text	DB	Time stamp
Number				
1	1	6119088.pn.	USPAT; US-PGPUB	2004/03/12 10:45
2	1	6219645.pn.	USPAT;	2004/03/12
		•	US-PGPUB	10:45
-	6888	s\tochastic	USPAT; US-PGPUB	2004/03/08 11:35
_	6888	stochastic	USPAT;	2004/03/08
			US-PGPUB	11:35
-	7456	stochastic\$4	USPAT; US-PGPUB	2004/03/08 11:35
_	7456	stochastic\$6	USPAT;	2004/03/08
			US-PGPUB	11:35
-	593	stochastic\$6 adj model\$4	USPAT; US-PGPUB	2004/03/08 11:35
_	250	stochastic\$6 adj model\$4 and spectr\$5	USPAT;	2004/03/08
			US-PGPUB	11:36
-	3	stochastic\$6 adj model\$4 and spectr\$5 adj adjust\$5	USPAT; US-PGPUB	2004/03/08
_	2	stochastic\$6 adj model\$4 and spectr\$5 adj	USPAT;	2004/03/08
	_	adjust\$5 and pitch adj modif\$8	US-PGPUB	11:45
-	7	stochastic\$6 same model\$4 and spectr\$5 same adjust\$5 and pitch same modif\$8	USPAT; US-PGPUB	2004/03/08 11:50
_	505		USPAT;	2004/03/08
		and pitch\$4	US-PGPUB	11:51
-	285	stochastic\$6 and (spectr\$5 or cepstr\$5) and pitch\$4 and 704/\$.ccls.	USPAT; US-PGPUB	2004/03/08 11:54
_	118	stochastic\$6 and (spectr\$5 or cepstr\$5)	USPAT;	2004/03/08
		and pitch\$4 and 704/\$.ccls. and transfer	US-PGPUB	11:54
1_	21	adj function\$4 stochastic\$6 and (spectr\$5 or cepstr\$5)	USPAT;	2004/03/08
	21	and pitch\$4 and 704/\$.ccls. and transfer	US-PGPUB	11:55
	_	adj function\$4 and LSF		0004/00/00
-	1	stochastic\$6 and (spectr\$5 or cepstr\$5) and pitch\$4 and 704/\$.ccls. and transfer	USPAT; US-PGPUB	2004/03/08
		adj function\$4 and LSF and frequenc\$4 and		
		phoneme	ucpam.	2004/02/00
-	21	stochastic\$6 and (spectr\$5 or cepstr\$5) and pitch\$4 and 704/\$.ccls. and transfer	USPAT; US-PGPUB	2004/03/09 17:33
		adj function\$4 and LSF and frequenc\$4		
-	334	(spectr\$5 or cepstr\$5) and pitch\$4 and	USPAT; US-PGPUB	2004/03/09 17:34
		704/\$.ccls. and transfer adj function\$4 and (LSF or LPC) and frequenc\$4	US-PGPUB	17:34
-	112	(spectr\$5 or cepstr\$5) and pitch\$4 and	USPAT;	2004/03/09
		704/\$.ccls. and transfer adj function\$4 and (LSF or LPC) and frequenc\$4 and	US-PGPUB	17:35
		phone\$5		
-	1		USPAT;	2004/03/10
_	1	6453287.pn. and filter\$4 and sampl\$4 and	US-PGPUB USPAT;	17:16 2004/03/10
		(spect\$4 or cepstr\$4)	US-PGPUB	17:17
-	1	6453287.pn. and filter\$4 and sampl\$4 and	USPAT;	2004/03/10
	1	(spect\$4 or cepstr\$4) and LPC and LSF 6453287.pn. and filter\$4 and sampl\$4 and	US-PGPUB USPAT;	17:17 2004/03/10
		(spect\$4 or cepstr\$4) and LPC adj	US-PGPUB	17:22
	_	coefficient\$4 and LSF adj vector\$4	uan. m	2004/02/10
_	1	6453287.pn. and filter\$4 and sampl\$4 and (spect\$4 or cepstr\$4) and LPC adj	USPAT; US-PGPUB	2004/03/10 17:28
		coefficient\$4 and LSF adj vector\$4 and	152 151 51	
	_	LPC and LSF	II CD D TT	2004/02/20
-	0	6453287.pn. and filter\$4 near sampl\$4 same (spect\$4 or cepstr\$4) and LPC	USPAT; US-PGPUB	2004/03/10 17:28
_	0		USPAT;	2004/03/10
	.	6452207 mm and filtered arms arms 164	US-PGPUB	17:28
-	1	6453287.pn. and filter\$4 same sampl\$4	USPAT; US-PGPUB	2004/03/10 17:29
-	1	6453287.pn. and filter\$4 same sampl\$4 and	USPAT;	2004/03/10
_	1	(spect\$4 or cepstr\$4) and LPC 6453287.pn. and receiv\$4	US-PGPUB USPAT;	17:31 2004/03/10
		0100207.pm. and recerval	US-PGPUB	17:32
L	·		·	

-	1	6453287.pn. and receiv\$4 same fram\$4	USPAT;	2004/03/10
	,	C452207	US-PGPUB	17:32
-	1	6453287.pn. and receiv\$4 same fram\$4 and	USPAT; US-PGPUB	2004/03/10 17:35
1_	1	sampl\$4 6453287.pn. and frequenc\$4 same fram\$4	USPAT;	2004/03/10
	1	0433207.pir. and frequency4 same framy4	US-PGPUB	17:40
_	5970	6453287.pn. phone\$4 and fram\$4 and speech	USPAT;	2004/03/10
			US-PGPUB	17:41
-	1	6453287.pn. and phone\$4 and fram\$4 and	USPAT;	2004/03/10
		speech	US-PGPUB	17:51
-	1	6453287.pn. and sampl\$4 and (spectr\$4 or	USPAT;	2004/03/10
	ļ	cepstr\$4) and envelop\$4 and vector\$4 and	US-PGPUB	17:54
	0	LSF 6453287.pn. and vector\$4 near	USPAT;	2004/03/10
-	l "	coefficien\$4	US-PGPUB	17:55
_	1	· · · · · · · · · · · · · · · · · · ·	USPAT;	2004/03/10
	_	coefficien\$4	US-PGPUB	17:55
-	1	6453287.pn. and vector\$4 same	USPAT;	2004/03/10
		coefficien\$4 and character\$6	US-PGPUB	17:55
-	1	6453287.pn. and vector\$4 same	USPAT;	2004/03/10
		coefficien\$4 and (character\$6 or	US-PGPUB	17:55
1_	1	featur\$4) 6453287.pn. and vector\$4 same	USPAT;	2004/03/10
1	·	coefficien\$4 and (character\$6 or	US-PGPUB	17:58
		featur\$4) and sampl\$4		-: • • •
-	1		USPAT;	2004/03/10
		coefficien\$4 and LPC	US-PGPUB	18:01
-	1	6453287.pn. and LSF and computat\$4 and	USPAT;	2004/03/10
	_	parameter\$4	US-PGPUB	18:01
-	1	6453287.pn. and LSF and computat\$4 and	USPAT;	2004/03/10
	1	parameter\$4 and memor\$4 and frequenc\$4 6453287.pn. and analy\$4 and fram\$4 and	US-PGPUB USPAT;	18:13 2004/03/10
-	·	identif\$8 and frequenc\$4 and energ\$4	US-PGPUB	18:13
_	l 0	6453287.pn. and analy\$4 and fram\$4 and	USPAT;	2004/03/10
		identif\$8 and frequenc\$4 and energ\$4 and	US-PGPUB	18:14
		transmit\$5 same information		
-	1	6453287.pn. and analy\$4 and fram\$4 and	USPAT;	2004/03/10
		identif\$8 and frequenc\$4 and energ\$4 and	US-PGPUB	18:14
	2932	transmit\$5 phoneme\$5	USPAT;	2004/03/11
-	2932	profieme\$5	US-PGPUB	08:46
_	1	6453287.pn.	USPAT;	2004/03/11
	_		US-PGPUB	09:24
-	0	6453287.pn. and filter\$4 and group\$4 and	USPAT;	2004/03/11
		speech\$\$ and sampl\$4 and (spectr\$4 or	US-PGPUB	09:25
	,	cepstr\$4) and (LPC or LSF)	II.C.D.D.M.	2004/02/11
-	1	6453287.pn. and filter\$4 and speech\$\$ and sampl\$4 and (spectr\$4 or cepstr\$4) and	USPAT; US-PGPUB	2004/03/11
		(LPC or LSF)	05 FGF0B	05.20
_	0	6453287.pn. and filter\$4 and speech\$4 adj	USPAT;	2004/03/11
	 	(spectr\$4 or cepstr\$4) same (LPC or LSF)	US-PGPUB	09:26
-	0	6453287.pn. and filter\$4 and speech\$4	USPAT;	2004/03/11
		near (spectr\$4 or cepstr\$4) same (LPC or	US-PGPUB	09:26
	1	LSF) 6453287.pn. and filter\$4 and speech\$4 and	IISDAT.	2004/03/11
-		(spectr\$4 or cepstr\$4) and (LPC or	USPAT; US-PGPUB	2004/03/11
		LSF) and sampl\$4	155 15101	
_	1		USPAT;	2004/03/11
		cepstr\$4) and (LPC or LSF) and sampl\$4	US-PGPUB	09:27
-	1	6453287.pn. and filter\$4 and (spectr\$4 or	USPAT;	2004/03/11
		cepstr\$4) and (LPC or LSF) and sampl\$4 and	US-PGPUB	09:27
1_	1	replac\$4 6453287.pn. and filter\$4 and (spectr\$4 or	USPAT;	2004/03/11
-		cepstr\$4) and (LPC or LSF) and sampl\$4 and	US-PGPUB	10:36
		replac\$6	CS LGEOD	10.50
-	1	6453287.pn. and vector and coefficien\$4	USPAT;	2004/03/11
		and character\$5 and sampl\$4	US-PGPUB	10:36
] -	1	6453287.pn. and vector\$4 and coefficien\$4	USPAT;	2004/03/11
		and character\$5 and sampl\$4	US-PGPUB	10:36
-	5805	parameter\$4 and index\$4 and (class\$4 or	USPAT;	2004/03/11
		catergor\$4 or group\$4) and probabil\$5 and vector\$5 and variab\$4	US-PGPUB	10:59
L	L	Acceptan and Auttanad	L	

_	3	parameter\$4 and index\$4 and (class\$4 or catergor\$4 or group\$4) and probabil\$5 and vector\$5 and variab\$4 and convar\$6 adj	USPAT; US-PGPUB	2004/03/11 11:00
-	3268	matri\$4 parameter\$4 and index\$4 and (class\$4 or catergor\$4 or group\$4) and probabil\$5 and vector\$5 and variab\$4 and convar\$6 adj	USPAT; US-PGPUB	2004/03/11 11:00
-	0	matri\$4 abd LSF parameter\$4 and index\$4 and (class\$4 or catergor\$4 or group\$4) and probabil\$5 and vector\$5 and variab\$4 and convar\$6 adj	USPAT; US-PGPUB	2004/03/11 11:00
-	0	matri\$4 and LSF parameter\$4 and index\$4 and (class\$4 or catergor\$4 or group\$4) and probabil\$5 and vector\$5 and variab\$4 and convar\$6 adj	USPAT; US-PGPUB	2004/03/11 11:00
-	3	matri\$4 and LCP parameter\$4 and index\$4 and (class\$4 or catergor\$4 or group\$4) and probabil\$5 and vector\$5 and variab\$4 and convar\$6 adj	USPAT; US-PGPUB	2004/03/11 11:02
-	387	matri\$4 parameter\$4 and index\$4 and (class\$4 or catergor\$4 or group\$4) and probabil\$5 and vector\$5 and variab\$4 and covar\$6 adj	USPAT; US-PGPUB	2004/03/11 11:03
-	3	matri\$4 parameter\$4 and index\$4 and (class\$4 or catergor\$4 or group\$4) and probabil\$5 and vector\$5 and variab\$4 and covar\$6 adj matri\$4 and LSF	USPAT; US-PGPUB	2004/03/11 11:03
_	1	6453287.pn.	USPAT; US-PGPUB	2004/03/11
-	1	6453287.pn. and var\$6	USPAT; US-PGPUB	2004/03/11 13:12
-	1	6453287.pn. and var\$6 and parameter\$4	USPAT; US-PGPUB	2004/03/11 13:12
_	1	6453287.pn. and var\$6 and parameter\$4 and wave\$5	USPAT; US-PGPUB	2004/03/11 13:18
-	0	6453287.pn. and coefficien\$4 and charater\$7	USPAT; US-PGPUB	2004/03/11 13:18
_	1	6453287.pn. and coefficien\$4 and character\$7	USPAT; US-PGPUB	2004/03/11
-	0	6453827.pn. and vector same coefficien\$4	USPAT; US-PGPUB	2004/03/11
-	0	6453827.pn. and vector\$4 same coefficien\$4	USPAT; US-PGPUB	2004/03/11
-	0	6453827.pn. and vector\$4 and coefficien\$4	USPAT; US-PGPUB	2004/03/11
-	1	6453287.pn. and vector\$4 same coefficien\$4	USPAT; US-PGPUB	2004/03/11
-	1	6453287.pn. and vector\$4 same coefficien\$4 and vector	USPAT; US-PGPUB	2004/03/11
_	1	6453287.pn. and speech\$4 same signal\$4	USPAT; US-PGPUB	2004/03/11
-	0	6453287.pn. and transmit\$5 and each and fram\$4	USPAT; US-PGPUB	2004/03/11
-	0	6453287.pn. and each	USPAT; US-PGPUB	2004/03/11
-	1	6453287.pn. and every	USPAT; US-PGPUB	2004/03/11
-	0	6453287.pn. and each	USPAT; US-PGPUB	2004/03/11
-	o	6453287.pn. and each\$4	USPAT; US-PGPUB	2004/03/11
-	0	modif\$8 same speeh\$4 adj sampl\$4 and spectrum adj envelop\$4 and LSF adj vector\$4 and desir\$4 same LSF	USPAT; US-PGPUB	2004/03/12 08:04
-	0	modif\$8 same speeh\$4 adj sampl\$4	USPAT; US-PGPUB	2004/03/12 08:05
_	0	modif\$8 same speech\$4 adj sampl\$4 and spectrum adj envelop\$4 and LSF adj	USPAT; US-PGPUB	2004/03/12 08:05
-	4645	vector\$4 and desir\$4 same LSF modif\$8 same speech\$4	USPAT; US-PGPUB	2004/03/12 08:05

Search History 3/12/04 11:24:44 AM Page 3

			•	
_	136	modif\$8 same speech\$4 adj sampl\$4	USPAT;	2004/03/12
			US-PGPUB	08:05
-	95	modif\$8 same speech\$4 adj sampl\$4 and	USPAT;	2004/03/12
		(spectr\$4 or cepstr\$4)	US-PGPUB	08:06
_	26		USPAT;	2004/03/12
		(spectr\$4 or cepstr\$4) adj envelop\$4	US-PGPUB	08:06
-	11		USPAT;	2004/03/12
		(spectr\$4 or cepstr\$4) adj envelop\$4 and	US-PGPUB	08:06
		LSF		
-	0	modif\$8 same speech\$4 adj sampl\$4 and	USPAT;	2004/03/12
		(spectr\$4 or cepstr\$4) adj envelop\$4 and	US-PGPUB	08:07
ļ		LSF adj vector\$4 and desir\$4 same LSF		
l –	2	modif\$8 same speech\$4 adj sampl\$4 and	USPAT;	2004/03/12
		(spectr\$4 or cepstr\$4) adj envelop\$4 and	US-PGPUB	08:07
		LSF adj vector\$4 and desir\$4		
_	11		USPAT;	2004/03/12
		(spectr\$4 or cepstr\$4) adj envelop\$4 and	US-PGPUB	08:13
		LSF adj vector\$4		
_	1	6453287.pn.	USPAT;	2004/03/12
		_	US-PGPUB	09:01
-	1	6453287.pn. and coefficien\$4 same sampl\$4	USPAT;	2004/03/12
			US-PGPUB	09:18
-	1	6453287.pn. and coefficien\$4 same sampl\$4	USPAT;	2004/03/12
		and character\$4	US-PGPUB	09:24
-	286		USPAT;	2004/03/12
		and character\$6	US-PGPUB	09:24
_	55	vector\$4 near coefficien\$4 same sampl\$4	USPAT;	2004/03/12
		and character\$6 and group\$4 same sampl\$4	US-PGPUB	09:25
_	29	vector\$4 near coefficien\$4 same sampl\$4	USPAT;	2004/03/12
		and character\$6 and group\$4 same sampl\$4	US-PGPUB	09:25
		and speech		
-	1	5086385.pn.	USPAT;	2004/03/12
			US-PGPUB	10:11
-	1	6219645.pn.	USPAT;	2004/03/12
			US-PGPUB	10:11
-	1	6119088.pn.	USPAT;	2004/03/12
			US-PGPUB	10:24
-	1	6119088.pn.	USPAT;	2004/03/12
			US-PGPUB	10:24